

# Climate Change and Agriculture in the Great Lakes Region: The Potential Impacts and What We Can Do

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8:30 AM	Registration - check in
8:50 AM	Opening Remarks
<b>9:00 AM</b>	<b>Research Findings</b>
9:00 AM	• <i>Potential Impacts of Climate Variability and Change on the Great Lakes Region</i> , Jeff Andresen, Agricultural Meteorologist, Michigan State University (MSU)
9:15 AM	• <i>Projections of Future Climate from the General Circulation Models (GCMs)</i> , Peter Sousounis, Meteorologist, MSU
9:30 AM	• <i>Implications of Global Climate Change for Agricultural Risk Management: Use of Crop Insurance</i> , Roy Black, Agricultural Economist, MSU
9:50 AM	Break
<b>10:00 AM</b>	<b>Observations from Industry Stakeholders</b>
10:00 AM	• <i>Wind Power, Farmers, and Climate Change</i> , Steve Smiley, Bay Energy Services
10:20 AM	• <i>Corn Hybrid Selection and Characterization</i> , Murt McLeod, Insect & Disease Management, Pioneer Hi-Bred International, Inc.
10:40 AM	• <i>Weather Risk Management for Agriculture: Use of Weather Derivatives</i> , Mike Grover and Ryan Williams, Cargill, Inc.
<b>11:00 AM</b>	<b>Open Discussion - All Workshop Participants</b>
11:45 PM	Lunch
<b>12:45 PM</b>	<b>Observations from the Growing Community</b>
12:45 PM	• <i>Winegrape Growing - Some Climatic Considerations</i> , Doug Welsch, Owner and Manager, Fenn Valley Vineyards and Winery
1:00 PM	• <i>Potential Impacts of Climate on the Potato Industry in Michigan</i> , Howard Viegelaahn, Owner and Manager, Viegelaahn Farms and Investments, Inc.
1:15 PM	• <i>Potential Impacts of Climate on Fruit Crops</i> , Jim Nugent, Coordinator, Northwest Michigan Horticulture and District Horticultural Agent
1:30 PM	Break
<b>1:40 PM</b>	<b>Assessment Panel</b>
1:40 PM	• <i>A Summary of some Results of Research on the Potential Impacts of Climate Change on Agriculture in Eastern Canada</i> , Andrew Bootsma, Agroclimatologist, Eastern Cereal & Oil seed Research Center (ECORC)
2:00 PM	• <i>Examples of Indirect Impacts of Climate Change (Insects, Weeds, Diseases, Pesticides)</i> , Jeff Andresen, Agricultural Meteorologist, MSU
2:20 PM	• <i>Climate Change and Farm Level Adaptation Strategies in the Midwestern U.S.</i> , Rebecca Pfeifer, Agricultural Consultant
<b>2:50 PM</b>	<b>Open Discussion - All Workshop Participants</b>
<b>3:30 PM</b>	<b>Closing Remarks</b>